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TITLE: Elastic bush and method of press-fitting elastic bush

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 2001269511 B2	March 10, 2005	N/A	000	F16F 001/371
WO 200212748 A1	February 14, 2002	J	033	F16F 001/371
JP 2002046031 A	February 12, 2002	N/A	008	B23P 019/00
JP 2002048176 A	February 15, 2002	N/A	005	F16F 001/38
JP 2002048177 A	February 15, 2002	N/A	006	F16F 001/38
AU 200169511 A	February 18, 2002	N/A	000	F16F 001/371
EP 1306573 A1	May 2, 2003	E	000	F16F 001/371
TW 505750 A	October 11, 2002	N/A	000	F16F 001/36
US 20030111780 A1	June 19, 2003	N/A	000	F16M 005/00
KR 2003040362 A	May 22, 2003	N/A	000	F16F 001/371
BR 200112916 A	July 8, 2003	N/A	000	F16F 001/371

CN 1443287 A	September 17, 2003	N/A	000	F16F 001/371
ZA 200300931 A	April 28, 2004	N/A	056	F16F 000/00
MX 2003001020 A1	September 1, 2003	N/A	000	B23P 019/02
JP 3592213 B2	November 24, 2004	N/A	008	F16F 001/38
US 6854723 B2	February 15, 2005	N/A	000	B60G 011/22

**DESIGNATED-
STATES:** AU BR CA CN ID IN KR MX US VN ZA AT BE CH CY DE DK ES
 FI FR GB GR IE IT LU MC NL PT SE TR AT BE CH CY DE DK
 ES FI FR GB GR IE IT LI LU MC NL PT SE TR

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
AU2001269511B2	N/A	2001AU-0269511	July 12, 2001
AU2001269511B2	Previous Publ.	AU2001269511	N/A
AU2001269511B2	Based on	WO 200212748	N/A
WO 200212748A1	N/A	2001WO-JP06057	July 12, 2001
JP2002046031A	N/A	2000JP-0236565	August 4, 2000
JP2002048176A	N/A	2000JP-0236564	August 4, 2000
JP2002048177A	N/A	2000JP-0236563	August 4, 2000
AU 200169511A	N/A	2001AU-0069511	July 12, 2001
AU 200169511A	Based on	WO 200212748	N/A
EP 1306573A1	N/A	2001EP-0947991	July 12, 2001
EP 1306573A1	N/A	2001WO-JP06057	July 12, 2001
EP 1306573A1	Based on	WO 200212748	N/A
TW 505750A	N/A	2001TW-0118442	July 27, 2001
US20030111780A1	N/A	2001WO-JP06057	July 12, 2001
US20030111780A1	N/A	2003US-0332981	January 23, 2003
KR2003040362A	N/A	2003KR-0700662	January 16, 2003
BR 200112916A	N/A	2001BR-0012916	July 12, 2001
BR 200112916A	N/A	2001WO-JP06057	July 12, 2001
BR 200112916A	Based on	WO 200212748	N/A
CN 1443287A	N/A	2001CN-0813199	July 12, 2001

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ZA 200300931A	N/A	2003ZA-0000931 February 3, 2003
MX2003001020A1	N/A	2001WO-JP06057 July 12, 2001
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MX2003001020A1	Based on	WO 200212748 N/A
JP 3592213B2	N/A	2000JP-0236563 August 4, 2000
JP 3592213B2	Previous Publ.	JP2002048177 N/A
US 6854723B2	N/A	2001WO-JP06057 July 12, 2001
US 6854723B2	N/A	2003US-0332981 January 23, 2003
US 6854723B2	Based on	WO 200212748 N/A

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(IPC) : F16F000/00, F16F001/36, F16F001/371, F16F001/38,
 F16F015/08, F16M005/00

→ ABSTRACTED-PUB-NO: WO 200212748A

BASIC-ABSTRACT:

NOVELTY - Outer tube-less type elastic bush (2) allowing elastic body (21) fixed to outer periphery of inner tube (20) to be brought into direct contact with inner surface of supporting hole (1a) in supported body (1) and having insert sleeves (22) buried in elastic body, wherein flange parts (22a, 22b) bent in radial outside direction are formed at both ends of insert sleeve so as to be extended in radial outside direction from axial projection plane of supporting hole in state of elastic bush being fitted into supporting hole, and axial cut-out (22c) and a split groove (21e) are formed in insert sleeve and elastic body, respectively, so that flange part at one end can be reduced in diameter and elastic bush can be inserted from flange part (22a) side into supporting hole, whereby resistance force against withdrawal of supported body from supporting hole is increased and initial compressibility of elastic body is increased so as to increase performance.

DESCRIPTION OF DRAWING(S) - supported body 1

supporting hole 1a

outer tube-less type elastic bush 2

inner tube 20

• elastic body 21

split groove 21e

insert sleeves 22

flange parts 22a, 22b

axial cut-out 22c

CHOSEN-DRAWING: Dwg.3/13

TITLE-TERMS: ELASTIC BUSH METHOD PRESS FIT ELASTIC BUSH

DERWENT-CLASS: P56 Q12 Q63 Q68

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-149073